

INTERNATIONAL SEARCH REPORT

International Application No
PCT/IB2004/051446

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G06T7/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 G06T

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC, IBM-TDB

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	NETSCH T ET AL: "Towards real-time multi-modality 3-D medical image registration" PROCEEDINGS EIGHTH IEEE INTERNATIONAL CONFERENCE ON COMPUTER VISION. ICCV 2001 IEEE COMPUT. SOC LOS ALAMITOS, CA, USA, vol. 1, 7 July 2001 (2001-07-07), pages 718-725, XP010554053 the whole document	1-13
A	WO 01/20552 A (MAYO FOUNDATION) 22 March 2001 (2001-03-22) abstract; figures 1,2,8,9 page 3, line 1 - page 4, line 16 page 6, line 1 - page 11, line 28 ----- -/--	1-13

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *Z* document member of the same patent family

Date of the actual completion of the international search

2 December 2004

Date of mailing of the international search report

23/12/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Herter, J

INTERNATIONAL SEARCH REPORT

International Application No

PCT/IB2004/051446

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	BENTOUTOU Y ET AL: "An invariant approach for image registration in digital subtraction angiography" PATTERN RECOGNITION, ELSEVIER, KIDLINGTON, GB, vol. 35, no. 12, December 2002 (2002-12), pages 2853-2865, XP004379654 ISSN: 0031-3203 the whole document	1-13
A	KERRIEN E ET AL: "FULLY AUTOMATIC 3D/2D SUBTRACTED ANGIOGRAPHY REGISTRATION" MEDICAL IMAGE COMPUTING AND COMPUTER-ASSISTED INTERVENTION. MICCAI. INTERNATIONAL CONFERENCE. PROCEEDINGS, XX, XX, 21 March 1999 (1999-03-21), pages 664-671, XP008010055 the whole document	1-13
A	WO 02/41780 A (PHILIPS MEDICAL SYSTEMS CLEVEL) 30 May 2002 (2002-05-30) abstract; figures 1-4 page 1, line 4 - page 3, line 38	1-13
A	MAINTZ J B A ET AL: "A SURVEY OF MEDICAL IMAGE REGISTRATION" MEDICAL IMAGE ANALYSIS, OXFORDUNIVERSITY PRESS, OXFORD, GB, vol. 2, no. 1, 1998, pages 1-37, XP001032679 ISSN: 1361-8423 the whole document	1-13

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/IB2004/051446

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 0120552	A	22-03-2001	US 6556695 B1	29-04-2003
			AU 7481100 A	17-04-2001
			DE 60010309 D1	03-06-2004
			EP 1224621 A1	24-07-2002
			JP 2003509145 T	11-03-2003
			WO 0120552 A1	22-03-2001
WO 0241780	A	30-05-2002	US 6473634 B1	29-10-2002
			EP 1365685 A2	03-12-2003
			JP 2004513735 T	13-05-2004
			WO 0241780 A2	30-05-2002